PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with a cable fee(s), to: Mail

Mail Stop ISSUE F Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

(703) 746-4000 or Fax

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks I through 4 should be completed wh appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address indicated unless corrected below or directed otherwise in Block I, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

7590

12/02/2003

Mark D. Saralino Renner, Otto, Boisselle, & Sklar, L.L.P. 19th Floor 1621 Euclid Avenue Cleveland, OH 44115



ISSUE FEE

Note: A certificate of mailing can only be used for domestic mailings of Fee(s) Transmittal. This certificate cannot be used for any other accompany papers. Each additional paper, such as an assignment or formal drawing, m have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the Un States Postal Service with sufficient postage for first class mail in an envel addressed to the Mail Stop ISSUE FEE address above, or being facsim transmitted to the USPTO, on the date indicated below.

Deirdre Preston	(Depositor's na
derch Mas T	(Signat
2/23/04	(D

TOTAL FEE(S) DUE

DATE DUE

APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/995,361	11/27/2001	James G. Small	RAYTP0160US	9031

TITLE OF INVENTION: PHASED ARRAY SOURCE OF ELECTROMAGNETIC RADIATION

SMALL ENTITY

		L		<u> </u>				
nonprovisional	nprovisional NO)	\$300		530	03/02/2004	
EXAMI	INER	ART UN	ΙΤ	CLASS-SUBCLASS]			
LEE, BE	NNY T	2817		315-039510	-			
1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.			2. For printing on the patent front page, list (1) the names of up to 3 registered patent attomeys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attomey or agent) and the names of up to 2 registered patent attomeys or agents. If no name is listed, no name will be printed.		of a single attorney or tered patent	RENNER, OTTO, 1 BOISSELLE & SKLAR LLP 2		

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

RAYTHEON COMPANY

APPLN. TYPE

Waltham, Massachusetts USA

PUBLICATION FEE

Please sheck the appropriate assignee category or categories (will not be printed on the patent); individual corporation or other private group entity 4a. The following fee(s) are enclosed: 4b. Payment of Fee(s): X Issue Fee A check in the amount of the fee(s) is enclosed.

Publication Fee Advance Order - # of Copies four (4)

☐ Payment by credit card. Form PTO-2038 is attached.

The Director is hereby authorized by charge the required fee(s), or credit any overpayment Deposit Account Number 18-0988 (enclose an extra copy of this form).

Director for Patents is requested to apply the Issue Pee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature) Reg. Mark D. Saralino, No.

NOTE; The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignce or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents. Alexandria. Virginia 22313-1450. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

02/27/2004 MGEBREM2 00000189 09995361

01 FC:1501 02 FC:1504 1330.00 OP 300.00 OP 03 FC:8001 12.00 OP